

OCEAN COUNTY, NEW JERSEY  
COMPREHENSIVE HYDRIC SOILS LIST

All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States" (USDA Miscellaneous Publication No. 1491, June, 1991 as revised in the Federal Register, Vol. 60, No. 37, February 24, 1995). See the "Criteria for Hydric Soils" endnote to determine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
AdA: ADELPHIA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES-----	ADELPHIA (C) SHREWSBURY(I)	No Yes	Depression	2B3	YES	NO	NO	410
At: ATSION SAND-----	ATSION (C)	Yes	Depression	2B3	YES	NO	NO	26700
Aw: ATSION SAND, TIDE FLOODED-----	ATSION (C)	Yes	Tidal Flat	2B3	YES	NO	NO	740
AxB: AURA SANDY LOAM, 2 TO 5 PERCENT SLOPES-----	AURA (C)	No						2100
BF: BERRYLAND SAND, FREQUENTLY FLOODED----	BERRYLAND (C)	Yes	Depression	2B3,3	YES	NO	YES	2550
Be: BERRYLAND SAND-----	BERRYLAND (C)	Yes	Depression	2B3,3	YES	NO	YES	14100

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Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
CoA: COLLINGTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES-----	COLLINGTON(C)	No						560
CoB: COLLINGTON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES-----	COLLINGTON(C)	No						380
CoC: COLLINGTON FINE SANDY LOAM, 5 TO 10 PERCENT SLOPES-----	COLLINGTON(C)	No						190
DoA: DOWNER LOAMY SAND, 0 TO 5 PERCENT SLOPES---	DOWNER (C)	No						54300
DpA: DOWNER SANDY LOAM, 0 TO 2 PERCENT SLOPES---	DOWNER (C)	No						6450
DpB: DOWNER SANDY LOAM, 2 TO 5 PERCENT SLOPES---	DOWNER (C)	No						20900
DrB: DOWNER GRAVELLY SANDY LOAM, GRAVELLY SUBSTRATUM, 2 TO 5 PERCENT SLOPES-----	DOWNER (C)	No						4000

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
EvB: EVESBORO SAND, 0 TO 5 PERCENT SLOPES-----	EVESBORO (C)	No						21900
EvC: EVESBORO SAND, 5 TO 10 PERCENT SLOPES-----	EVESBORO (C)	No						4500
EvD: EVESBORO SAND, 10 TO 15 PERCENT SLOPES-----	EVESBORO (C)	No						1050
FtB: FRIPP FINE SAND, 2 TO 10 PERCENT SLOPES-----	FRIPP (C) ATSION, TIDE FLOODED (I)	No Yes	Depression	2B3	YES	NO	NO	2500
HU: HUMAQUEPTS, FREQUENTLY FLOODED-----	HUMAQUEPTS(C)	Yes	Flood Plain	2B3	YES	NO	NO	490
HaA: HAMMONTON LOAMY SAND, 0 TO 5 PERCENT SLOPES-	HAMMONTON (C) MULLICA (I)	No Yes	Depression	2B3	YES	NO	NO	5950
HcA: HAMMONTON SANDY LOAM, 0 TO 3 PERCENT SLOPES-	HAMMONTON (C) MULLICA (I)	No Yes	Depression	2B3	YES	NO	NO	2750

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
KeA: KEYPORT SANDY LOAM, 0 TO 4 PERCENT SLOPES---	KEYPORT (C) MULLICA (I)	No Yes	Depression	2B3	YES	NO	NO	700
KlA: KLEJ LOAMY SAND, 0 TO 3 PERCENT SLOPES-----	KLEJ (C) ATSION (I)	No Yes	Depression	2B3	YES	NO	NO	6250
KrA: KRESSON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES-----	KRESSON (C) SHREWSBURY(I)	No Yes	Depression	2B3	YES	NO	NO	100
LhA: LAKEHURST SAND, 0 TO 3 PERCENT SLOPES-----	LAKEHURST (C) ATSION (I) BERRYLAND (I)	No Yes Yes	Depression Depression	2B3 2B3,3	YES YES	NO NO	NO YES	52640
LmA: LAKEHURST SAND, CLAYEY SUBSTRATUM, 0 TO 3 PERCENT SLOPE S-----	LAKEHURST (C) ATSION (I) BERRYLAND (I)	No Yes Yes	Depression Depression	2B3 2B3,3	YES YES	NO NO	NO YES	990
LwB: LAKEWOOD SAND, 0 TO 5 PERCENT SLOPES-----	LAKEWOOD (C)	No						42300

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
LwC: LAKEWOOD SAND, 5 TO 10 PERCENT SLOPES-----	LAKEWOOD (C)	No						5300
Ma: MANAHAWKIN MUCK-----	MANAHAWKIN(C)	Yes	Bog	1,3	YES	NO	YES	27050
Mr: MULLICA FINE SANDY LOAM, LOAMY SUBSTRATUM	MULLICA (C)	Yes	Depression	2B3	YES	NO	NO	2050
Mu: MULLICA SANDY LOAM----	MULLICA (C)	Yes	Depression	2B3	YES	NO	NO	4300
PN: PSAMMENTS, NEARLY LEVEL-----	PSAMMENTS, NEARLY LE (C)	No						4900
	ATIONS (I)	Yes	Depression	2B3	YES	NO	NO	
	BERRYLAND (I)	Yes	Depression	2B3,3	YES	NO	YES	
	MULLICA (I)	Yes	Depression	2B3	YES	NO	NO	
	SULFIHEMIS TS (I)	Yes	Tidal Flat	1,3	YES	NO	YES	
PO: PSAMMENTS, SULFIDIC SUBSTRATUM-----	PSAMMENTS, SULFIDIC (C)	No						9650
	SULFAQUENT S (I)	Yes	Tidal Flat	2B3,3	YES	NO	YES	
	SULFIHEMIS TS (I)	Yes	Tidal Flat	1,3	YES	NO	YES	

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
PW: PSAMMENTS, WASTE SUBSTRATUM-----	PSAMMENTS, WASTE SUB (C)	No						600
PeA: PEMBERTON SAND, 0 TO 5 PERCENT SLOPES-----	PEMBERTON (C)	No						1150
PhB: PHALANX LOAMY SAND, 2 TO 5 PERCENT SLOPES---	PHALANX (C)	No						910
PhC: PHALANX LOAMY SAND, 5 TO 10 PERCENT SLOPES--	PHALANX (C)	No						540
Pm: PITS, SAND AND GRAVEL-	PITS, SAND AND GRAVE (C)	No						9150
SS: SULFAQUENTS AND SULFIHEMISTS, FREQUENTLY FLOODED----	SULFAQUENT S (C)	Yes	Tidal Flat	2B3,3	YES	NO	YES	13225
	SULFIHEMIS TS (C)	Yes	Tidal Flat	1,3	YES	NO	YES	13225
SaB: SASSAFRAS SANDY LOAM, 2 TO 5 PERCENT SLOPES-	SASSAFRAS (C)	No						3100

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
Sh: SHREWSBURY FINE SANDY LOAM-----	SHREWSBURY(C)	Yes	Depression	2B3	YES	NO	NO	1200
TnB: TINTON SAND, 0 TO 5 PERCENT SLOPES-----	TINTON (C)	No						1100
UL: URBAN LAND-----	URBAN LAND(C)	No						3500
UP: URBAN LAND-FRIPP COMPLEX-----	URBAN LAND(C) FRIPP (C)	No No						3690 810
W: WATER (LESS THAN 40 ACRES)-----	ERROR: There is no hydcomp record for component NJ029 029W 1							
WATER: WATER (GREATER THAN 40 ACRES)-----	ERROR: There is no hydcomp record for component NJ029 029WATER 1							
WoB: WOODMANSIE SAND, 0 TO 5 PERCENT SLOPES-----	WOODMANSIE(C)	No						19000
WoC: WOODMANSIE SAND, 5 TO 10 PERCENT SLOPES-----	WOODMANSIE(C)	No						8800

FOOTNOTE: There may be small areas of included soils or miscellaneous areas that are significant to use and management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.



HYDRIC SOILS CRITERIA CODES AND DEFINITIONS

1. All Histosols, except Folists, or
  2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:
    - a. Somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season, or
    - b. Poorly drained or very poorly drained and have either:
      - (1) water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches (in), or for other soils
      - (2) water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or greater than 6.0 in/hour (h) in all layers within 20 in, or
      - (3) water table at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 in, or
  3. Soils that are frequently ponded for long duration or very long duration during the growing season, or
  4. Soils that are frequently flooded for long duration or very long duration during the growing season.
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